

Message

From: Qazzaz, Bilal [qazzaz.bilal@epa.gov]
Sent: 5/11/2017 5:07:53 PM
To: paul.koval (paul.koval@epa.ohio.gov) [paul.koval@epa.ohio.gov]
CC: Compher, Michael [compher.michael@epa.gov]; Hamilton, Scott [hamilton.scott@epa.gov]; McGrath, Jesse [mcgrath.jesse@epa.gov]; Michael.Rath@epa.ohio.gov; thang.vu@epa.ohio.gov; carol.eggert@toledo.oh.gov; Muir, Dave [DAVE.MUIR@toledo.oh.gov]
Subject: FW: Follow-Up to Ozone Data Invalidation to QC Issues

Paul,

I followed up with Carol and Dave this morning and Toledo confirms that the transfer standard was fine and that the analyzer experienced instability/negative values post calibration on 8/22/16. Dave stated that he doesn't have any documentation of any corrective actions on the analyzer to bring it back in control though he did state that he may have changed the pump or performed some other measure. Taking this new information into consideration OEPA/Toledo should invalidate the data—applying a null code of “AS” and remove the QC check. Please make these changes in AQS and inform us when completed.

Bilal Qazzaz | U.S. Environmental Protection Agency R5
Air & Radiation Division | Air Monitoring and Analysis
77 W. Jackson Blvd. (AT-18J) | Chicago, IL 60604 | 312.353.2325

From: Qazzaz, Bilal
Sent: Wednesday, May 10, 2017 3:41 PM
To: 'paul.koval@epa.ohio.gov' <paul.koval@epa.ohio.gov>
Cc: Compher, Michael <compher.michael@epa.gov>; Michael.Rath@epa.ohio.gov; thang.vu@epa.ohio.gov; Hamilton, Scott <hamilton.scott@epa.gov>; McGrath, Jesse <mcgrath.jesse@epa.gov>
Subject: RE: Follow-Up to Ozone Data Invalidation to QC Issues

Paul,

Following-up on our discussion this morning about OEPA's Phase 1 data:

Steuben 2014 (temperature swing issue): OEPA is to keep the QC check and the data—no change to AQS required.

For sites which had data entry errors: Steuben 2015 (three instances) and Chippewa 2014—please move forward and make these corrections in AQS and inform us when this has been completed by responding to this email.

For sites that had faulty zero air flow: Sheffield and Marietta Township—please remove these checks and inform us when this has been completed by responding to this email.

Erie 2016—We will be following up with Toledo separately.

And to reiterate our plan for OEPA's Phase 2 data as discussed on this morning's call:

OEPA is to populate the “Proposed Action for Affected Data” and “Rationale” columns in spreadsheet and provide

evidence/documentation that supports the course of action. After review by R5 staff, we will set up a call with OEPA to discuss any outstanding questions/clarifications we have.

Thank you again Paul, Thang, and Mike for your attention to this matter!

-Bilal

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77 W. Jackson Blvd. (AT-18J) | Chicago, IL 60604 | 312.353.2325

From: paul.koval@epa.ohio.gov [mailto:paul.koval@epa.ohio.gov]
Sent: Tuesday, May 09, 2017 1:09 PM
To: Qazzaz, Bilal <qazzaz.bilal@epa.gov>
Cc: Compher, Michael <compher.michael@epa.gov>; Michael.Rath@epa.ohio.gov; thang.vu@epa.ohio.gov; Hamilton, Scott <hamilton.scott@epa.gov>; McGrath, Jesse <mcgrath.jesse@epa.gov>
Subject: Re: Follow-Up to Ozone Data Invalidation to QC Issues

Bilal we can do a call tomorrow. Let's do 10:00 our time (9:00 your time). My staff and I will be at different locations. Do you have a call-in number or should we try to serially tie people in? Talk to you tomorrow. PK

Sent from my iPhone

On May 9, 2017, at 11:13 AM, Qazzaz, Bilal <qazzaz.bilal@epa.gov> wrote:

Paul,

Are you guys available for a call tomorrow?

Morning would be best (9:00 or 10:00CT) or after 1:00pm CT.

Bilal Qazzaz | U.S. Environmental Protection Agency R5
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From: Qazzaz, Bilal
Sent: Monday, May 08, 2017 3:30 PM
To: 'thang.vu@epa.ohio.gov' <thang.vu@epa.ohio.gov>
Cc: Compher, Michael <compher.michael@epa.gov>; Michael.Rath@epa.ohio.gov; paul.koval@epa.ohio.gov; Scott Hamilton <Hamilton.Scott@epa.gov>; McGrath, Jesse <mcgrath.jesse@epa.gov>
Subject: RE: Follow-Up to Ozone Data Invalidation to QC Issues

Thanks for the additional information Thang. Give us a day or two to review the documentation.

I did a quick glance and didn't see the logbook document the repacking of any zero air columns. Is that noted anywhere?

I see your annual maintenance (checking the efficiency of the scrubber, sample, and reference valves) but nothing from Bob Bechtel or MM about activities that would cause a faulty zero air flow and in turn a bad check.

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Air & Radiation Division | Air Monitoring and Analysis
77 W. Jackson Blvd. (AT-18J) | Chicago, IL 60604 | 312.353.2325

From: thang.vu@epa.ohio.gov [<mailto:thang.vu@epa.ohio.gov>]
Sent: Monday, May 08, 2017 12:30 PM
To: Qazzaz, Bilal <qazzaz.bilal@epa.gov>
Cc: Compher, Michael <compher.michael@epa.gov>; Michael.Rath@epa.ohio.gov;
paul.koval@epa.ohio.gov
Subject: RE: Follow-Up to Ozone Data Invalidation to QC Issues

Hello Bilal,
Here are the compilation from our data and logbook copies for phase I. Please go over then we can set up a time for another call this week. Thank you.
Thang Vu

From: Qazzaz, Bilal [<mailto:qazzaz.bilal@epa.gov>]
Sent: Monday, May 01, 2017 2:11 PM
To: Compher, Michael <compher.michael@epa.gov>; Hamilton, Scott <hamilton.scott@epa.gov>; McGrath, Jesse <mcgrath.jesse@epa.gov>; kilmers@michigan.gov; Praedel, Katie - DNR (Katie.Praedel@wisconsin.gov) <Katie.Praedel@wisconsin.gov>; Bloomberg, David E. <David.Bloomberg@Illinois.gov>; Rick Strassman <rick.strassman@state.mn.us>; Koval, Paul <paul.koval@epa.ohio.gov>; dzeiler@idem.in.gov; Robinson, Amy (DEQ) <ROBINSONA1@michigan.gov>; Fenlon, Dennis (MPCA) <dennis.fenlon@state.mn.us>; Jason A Treutel <Jason.Treutel@wisconsin.gov>; Cashman, John <John.Cashman@Illinois.gov>; JOHN WICKER (JWICKER@idem.IN.gov) <JWICKER@idem.IN.gov>; Riggleman, Michael <Michael.Riggleman@epa.ohio.gov>; luke.charpentier_state.mn.us <luke.charpentier@state.mn.us>; Lengerich, Steve <SLENGERI@idem.IN.gov>; jroane@idem.in.gov; Rath, Michael <Michael.Rath@epa.ohio.gov>; Vu, Thang <thang.vu@epa.ohio.gov>
Cc: Delisio, Edward <delisio.edward@epa.gov>; Coughlin, Justin <coughlin.justin@epa.gov>; McEvoy, Chad <mcevoy.chad@epa.gov>; Limaye, Vijay <Limaye.Vijay@epa.gov>; Nwia, Jacqueline <nwia.jacqueline@epa.gov>
Subject: Follow-Up to Ozone Data Invalidation to QC Issues

All,

First off I want to thank everybody for providing a great deal of information in such a short amount of time.

Michael, Scott, Jesse and I met this morning and we have questions and suggestions about some of the "Proposed Actions" and "Rationale" provided to us. I'll follow-up with correspondence with each state that poses our additional queries and suggestions. If needed we'll also set one on one calls again.

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